

RAS Model Data

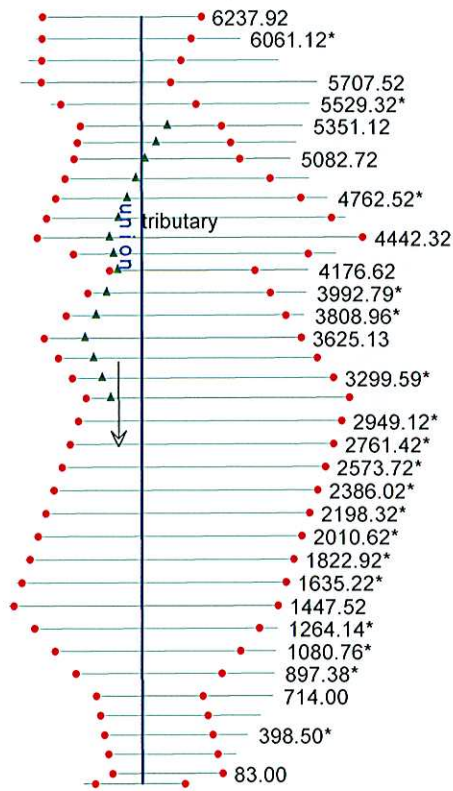
For

Unionhouse Creek – Tributary Pre Fvcp

Model Schematic Layout

Input Hydrograph Summary

Summary Output Table



EAS Input Hyd cph Summary

River	Reach	Starts or Location	Ends at Xsect	Type	DSS File	DSS_Path
union	tributal	6237.92		Flow Hydrograph	hcalcpre.dss	/UHPRE/UH-IB/FLOW/31DEC1999/IMIN/100YR-24HR/
union	tributal	5351.12	3136.82	Uniform Lateral Inflow Hydrograph	hcalcpre.dss	/UHPRE/UH-IG/FLOW/31DEC1999/IMIN/100YR-24HR/
union	tributal	3136.82	83.00	Uniform Lateral Inflow Hydrograph	hcalcpre.dss	/UHPRE/UH-IAL/FLOW/31DEC1999/IMIN/100YR-24HR/
union	tributal	0.00		Normal depth	#N/A	Friction slope =0.0005

HEC-RAS Plan: 100-yr Ex River: union Reach: tributary Profile: Max WS

Reach	River Sta	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
tributary	6237.92	156.50	50.00	50.45		50.45	0.001828	0.54	290.15	797.89	0.16
tributary	6061.12*	151.27	49.60	50.10		50.11	0.002099	0.58	258.80	700.02	0.17
tributary	5884.32*	149.02	49.20	49.68		49.70	0.005585	0.86	174.22	554.51	0.27
tributary	5707.52	144.71	48.80	49.22		49.28	0.044425	1.85	78.13	369.69	0.71
tributary	5529.32*	134.98	48.40	48.94		48.94	0.000817	0.41	329.67	749.47	0.11
tributary	5351.12	131.92	48.00	48.80		48.80	0.000756	0.54	242.68	1038.89	0.11
tributary	5216.92*	135.59	48.00	48.71		48.71	0.000625	0.46	294.66	1085.67	0.10
tributary	5082.72	138.88	48.00	48.62		48.63	0.000608	0.42	329.68	1126.39	0.10
tributary	4922.62*	142.61	48.00	48.52		48.53	0.000656	0.39	365.74	1316.75	0.10
tributary	4762.52*	146.24	48.00	48.41		48.41	0.001024	0.42	351.16	1485.74	0.12
tributary	4602.42*	24.90	48.00	48.34		48.34	0.000039	0.07	344.45	1654.46	0.02
tributary	4442.32	151.54	48.00	48.20		48.21	0.005931	0.64	235.47	1779.90	0.26
tributary	4309.47*	155.45	47.65	48.10		48.11	0.001057	0.42	368.14	1257.63	0.12
tributary	4176.62	159.24	47.30	47.90		47.91	0.002103	0.52	307.43	1022.31	0.16
tributary	3992.79*	164.59	46.87	47.50		47.50	0.002344	0.57	287.45	924.90	0.18
tributary	3808.96*	168.72	46.43	47.07		47.07	0.002304	0.58	291.22	915.85	0.18
tributary	3625.13	170.66	46.00	46.80		46.80	0.000693	0.38	444.95	1152.72	0.10
tributary	3462.36*	173.51	46.00	46.69		46.70	0.000573	0.36	476.74	1112.44	0.09
tributary	3299.59*	176.81	46.00	46.60		46.60	0.000560	0.36	488.03	1136.47	0.09
tributary	3136.82	180.15	46.00	46.43		46.43	0.001614	0.51	353.67	1155.93	0.15
tributary	2949.12*	183.57	45.78	46.16		46.16	0.001290	0.44	420.27	1221.11	0.13
tributary	2761.42*	186.84	45.56	45.92		45.92	0.001347	0.43	430.41	1304.02	0.13
tributary	2573.72*	189.97	45.33	45.68		45.68	0.001277	0.42	453.79	1394.95	0.13
tributary	2386.02*	192.95	45.11	45.44		45.44	0.001267	0.41	470.87	1485.67	0.13
tributary	2198.32*	195.84	44.89	45.21		45.21	0.001242	0.40	489.65	1578.73	0.13
tributary	2010.62*	198.33	44.67	44.98		44.98	0.001292	0.40	498.91	1671.53	0.13
tributary	1822.92*	200.54	44.44	44.74		44.74	0.001247	0.39	519.10	1767.74	0.13
tributary	1635.22*	202.26	44.22	44.55		44.55	0.000849	0.34	598.96	1870.34	0.11
tributary	1447.52	205.09	44.00	44.22		44.23	0.002667	0.47	436.10	1955.78	0.18
tributary	1264.14*	206.39	43.50	43.78		43.78	0.002276	0.50	413.17	1503.13	0.17
tributary	1080.76*	203.46	43.00	43.53		43.53	0.000572	0.37	549.18	1110.37	0.09
tributary	897.36*	204.45	42.50	43.45		43.46	0.000252	0.33	622.49	816.31	0.07
tributary	714.00	206.13	42.00	43.36		43.37	0.000703	0.51	401.27	579.94	0.11
tributary	556.25*	207.61	42.00	43.25		43.26	0.000723	0.53	394.53	561.53	0.11
tributary	398.50*	209.26	42.00	43.13		43.14	0.000779	0.55	383.82	548.03	0.11
tributary	240.75*	211.03	42.00	43.00		43.00	0.000944	0.59	360.17	532.81	0.13
tributary	83.00	212.89	42.00	42.78		42.79	0.001738	0.72	294.04	500.68	0.17
tributary	0.00	212.86	42.00	42.70	42.14	42.70	0.000500	0.43	491.48	710.76	0.09